

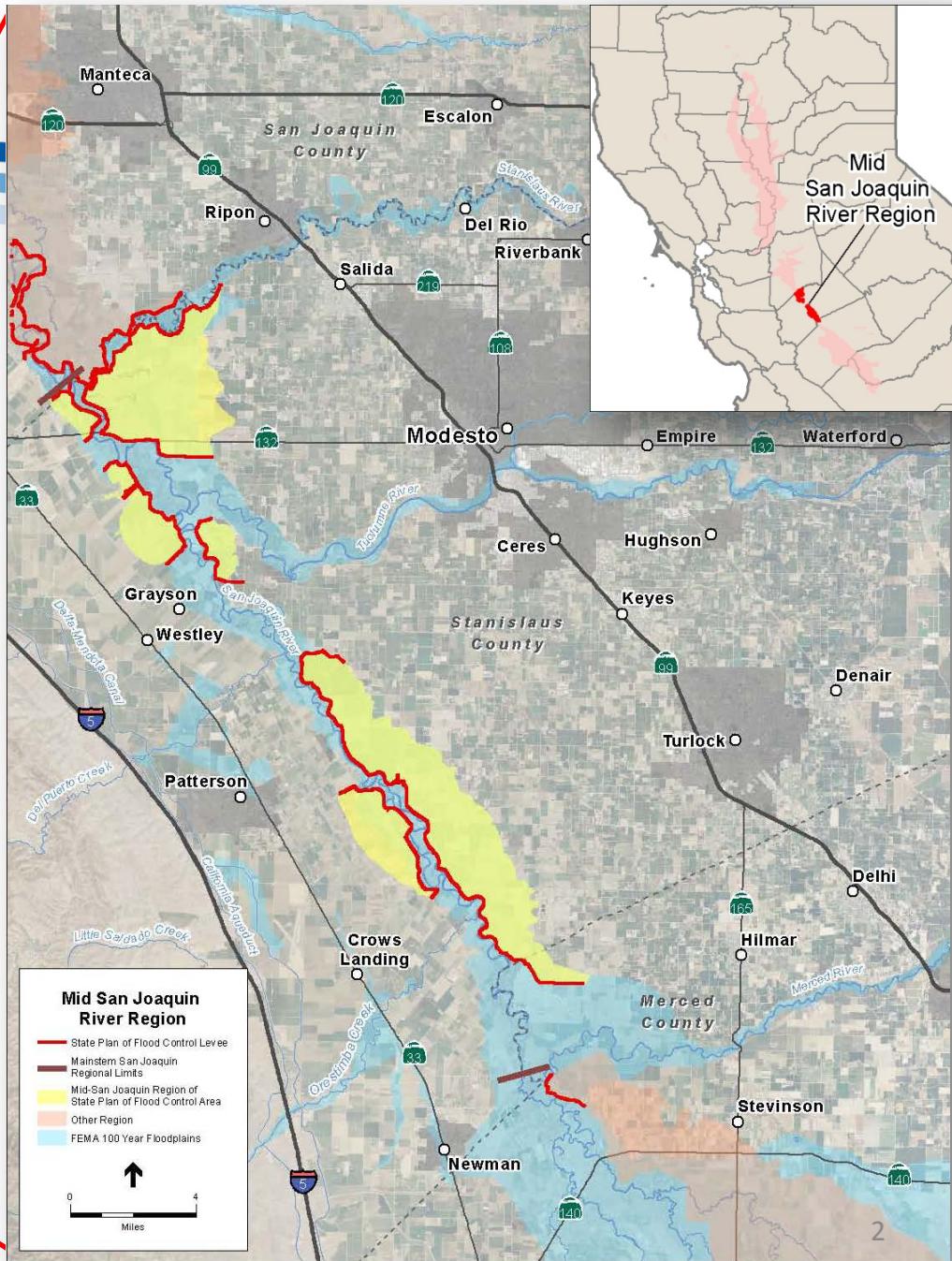
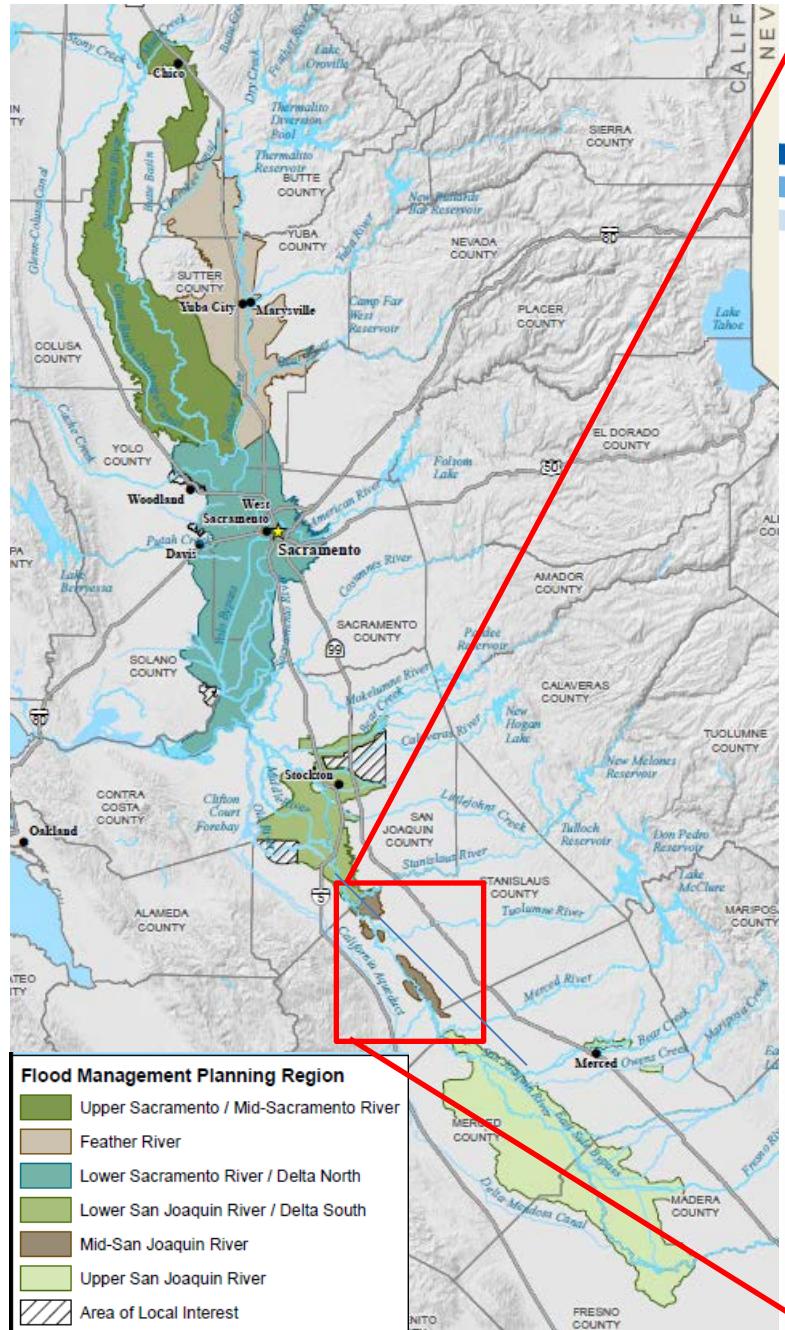


Floodplain Restoration Opportunities Considerations

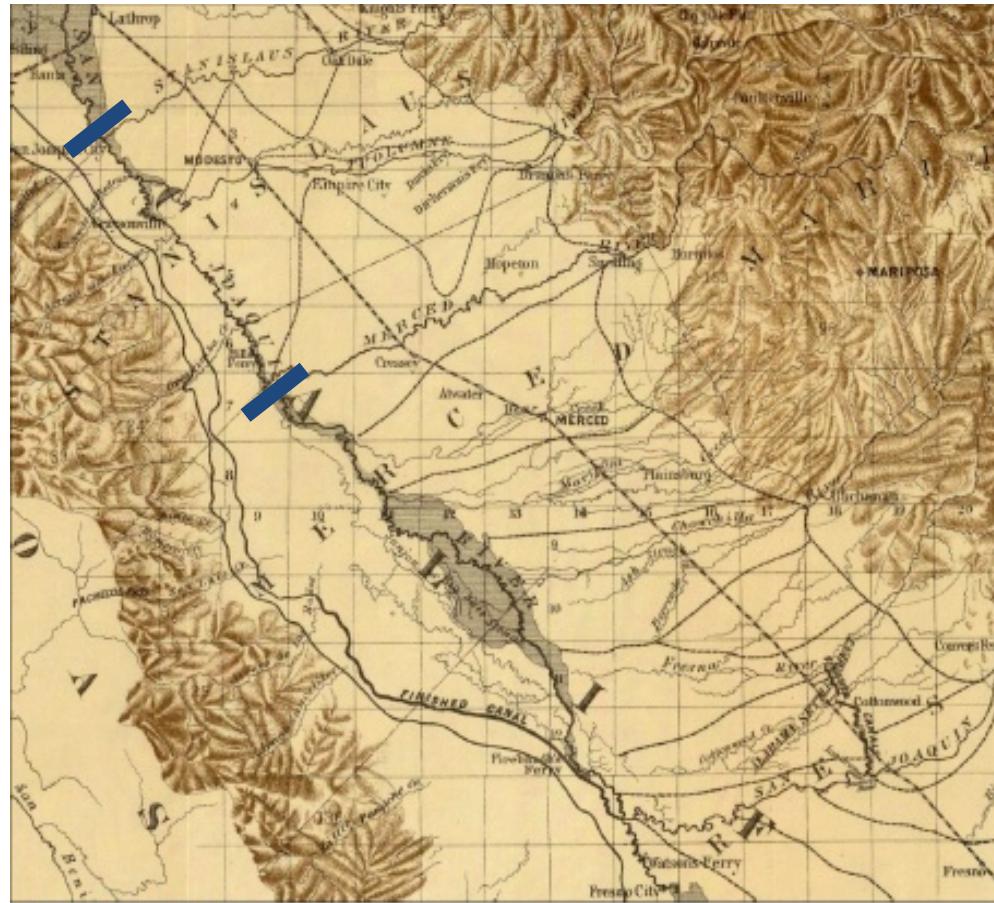
Betty Andrews, PE

DWR Technical Workshop

October 23, 2013

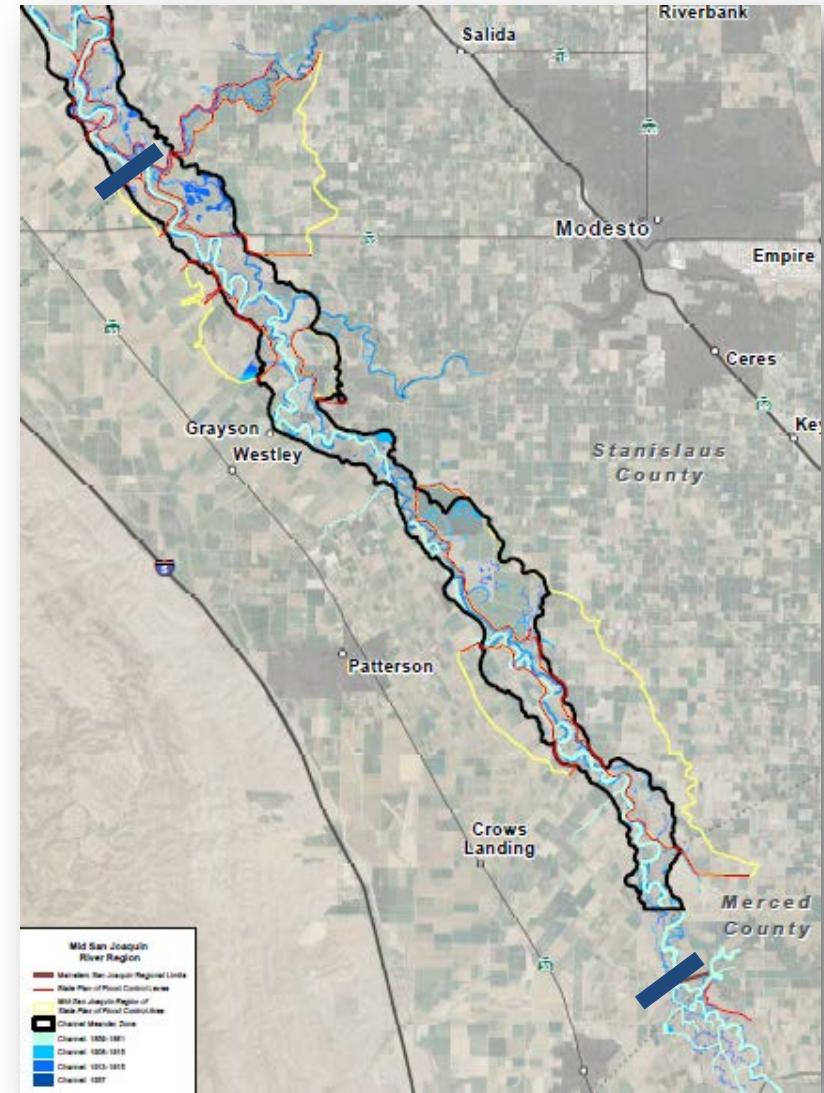


Regional Context: Historical Channels

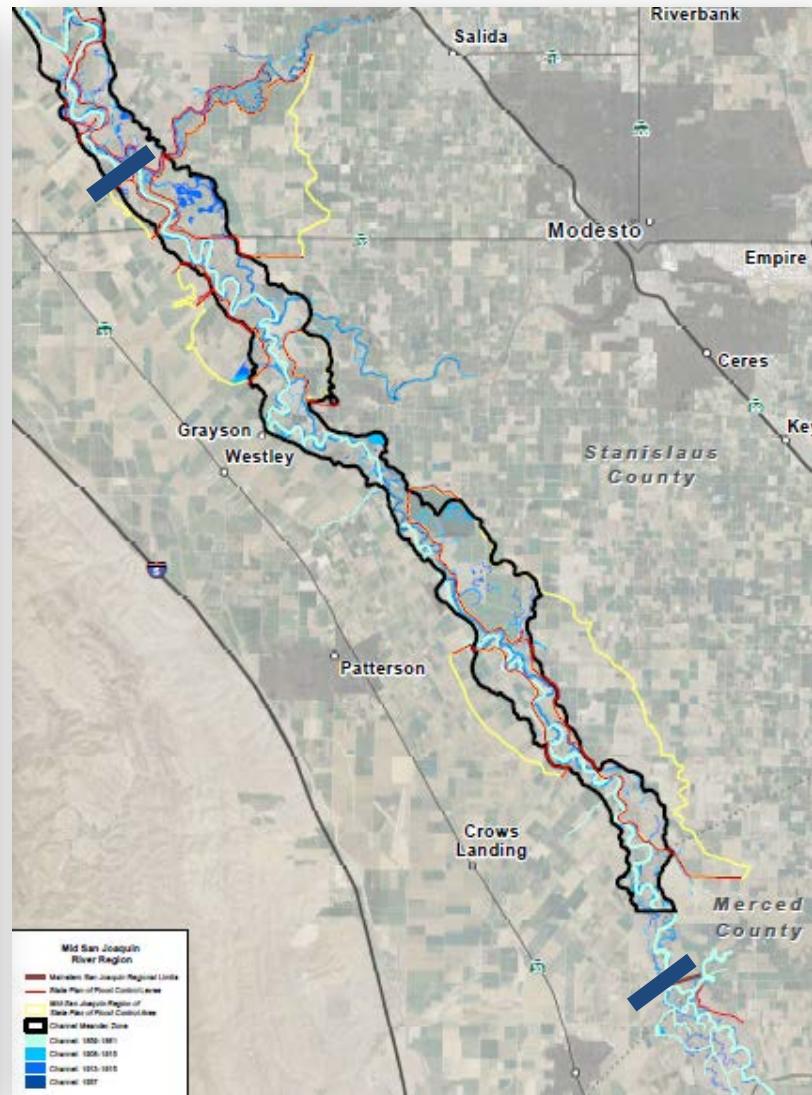
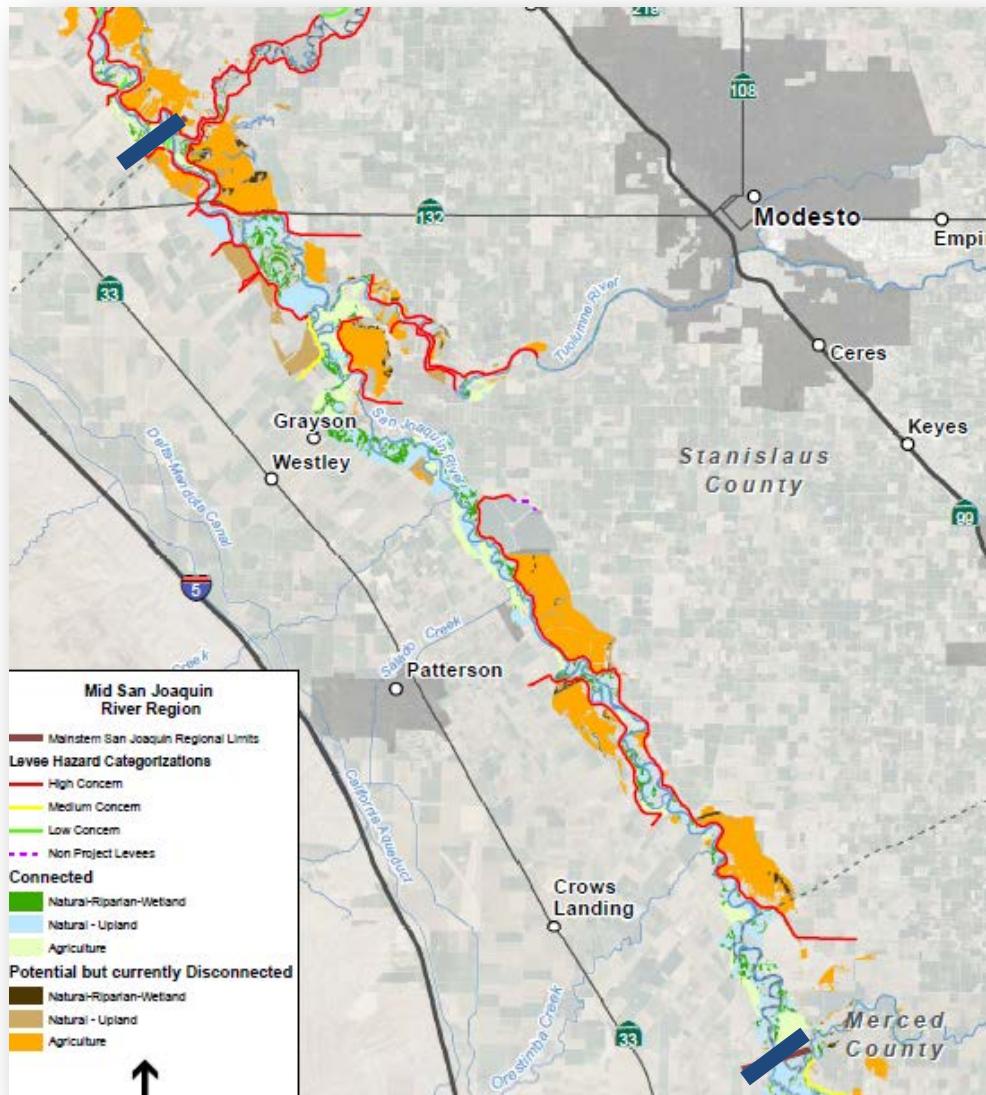


Source: Alexander et al., 1874

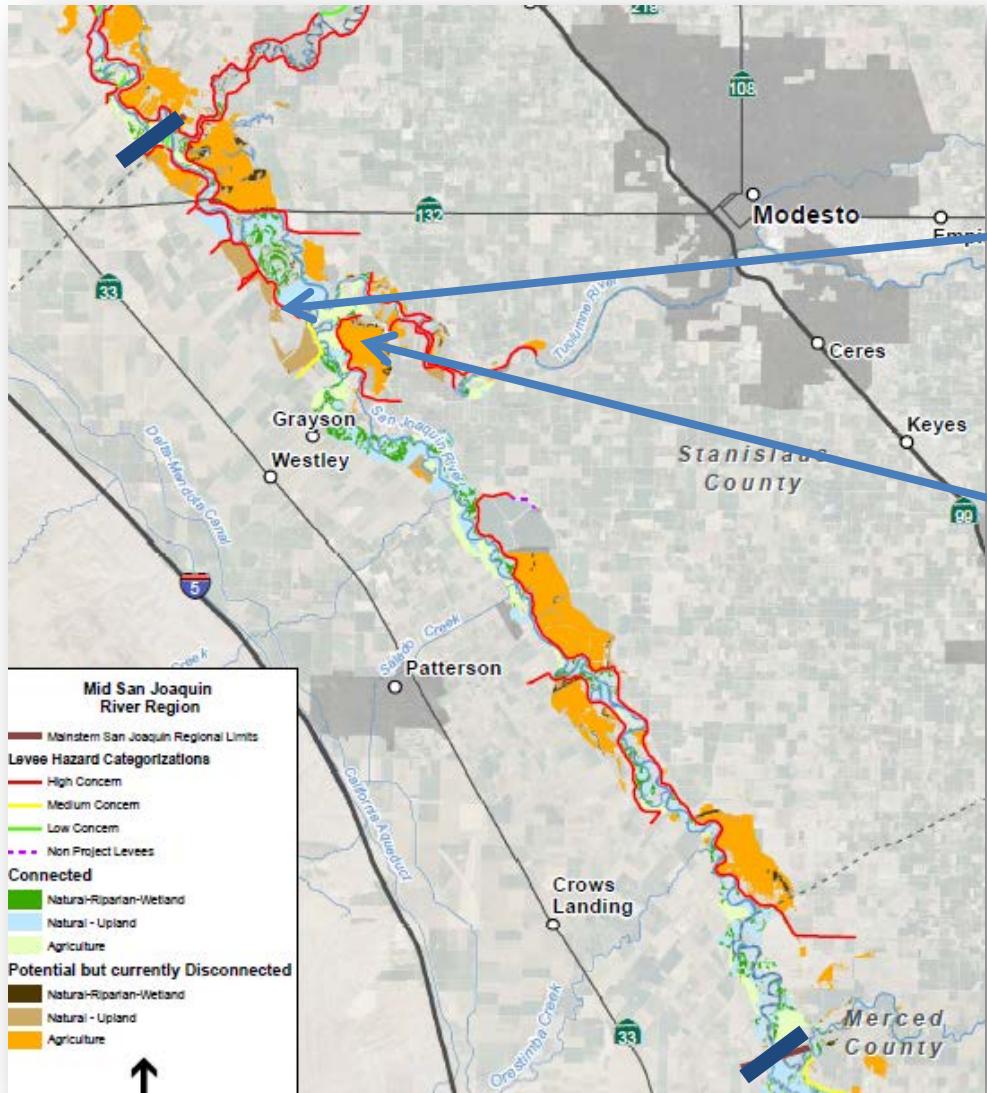
Figure 2-2. Extent of "Overflowed Lands" (Tule Marshes) (Shaded Area) in the San Joaquin Valley in 1873



Regional Context: Restoration Potential



Regional Context: Restoration Potential



Local restoration examples:

- SJRNWR (Three Amigos)
- Dos Rios Ranch

LMA Status

Number	Name	Levee miles, total	2012 DWR Overall Rating	Current PL 84-99 Status
RD 2031	Elliot	13.19	M	Inactive 2013
RD 2101	Blewitt	3.51	U	Inactive 2013
RD 2099/ 2100/ 2102	El Solyo Ranch/ White Lake Ranch/ Lara Ranch	6.9	N/A	Inactive
RD 2092	Dos Rios Ranch	3.76	A	Active
RD 2091	Chase	7.92	A	Partial Inactive
RD 1602	Del Puerto	6.29	U	Inactive 2013
RD 2063	Crows Landing	10.63	U	Partial Inactive

An aerial photograph capturing a vast area of land inundated by floodwaters. The water covers most of the visible terrain, with remnants of agricultural fields and roads visible as dark, irregular shapes. In the upper center, a long bridge stretches across the floodwaters, its structure partially submerged. The surrounding land beyond the floodwaters appears dry and green, contrasting with the white water. The overall scene conveys a sense of significant flooding and its impact on the landscape.

Questions?